

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	500493	((analog near2 digital) adj2 (conver \$5 or transform \$6)) or ADC or a/d or (A-to-D) or (A to D)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:27
L3	3	voltage bin width	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:27
L4	500493	2 or 3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:28
L6	57414	(resolution or dynamic or range or scale or bit or level) near3 4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:30
L7	2859	((least adj1 significant adj1 bit) or LSB) same 6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:31
L8	116618	(intensity or color or ((grey or gray) near2 (level or scale))) with (detail or resolution)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:32
L10	105	7 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/15 17:33
L11	4156306	fingerprint or (finger adj1 print) or finger-print or image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:34
L12	1094217	(sensor or detector or imager or imaging or capturer) and L11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:34

L14	72	10 and 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/15 17:36
L15	1669209	(combine or combination or additive or add or addition or combining or adding or integrate or integration or integrating or juxtapos\$5 or overlay\$4 or join or compound\$3 or merg\$3 or synthesize or fuse or fusion or unite or union or consolidat\$4 or incorporat\$4 or stitch\$3 or connect \$4 or link\$3 or average or averaging) near4 (digitize or digital or discrete or discretize or sample or quantize or digitalization or digitization or digitiz \$4 or discretization or discret\$4 or quantization or quantiz\$3 or sampling or level or voltage)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:37
L16	61	14 and 15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:38

L17	46360	(combine or combination or additive or add or addition or combining or adding or integrate or integration or integrating or juxtapos\$5 or overlay\$4 or join or compound\$3 or merg\$3 or synthesize or fuse or fusion or unite or union or consolidat\$4 or incorporat\$4 or stitch\$3 or connect \$4 or link\$3 or average or averaging) near2 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:52
L18	5589	(resolution or dynamic or range or scale or bit or level) with 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:53
L19	5831	(resolution or dynamic or range or scale or bit or level or accuracy) with 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:53
L20	1125	19 and 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:54
L21	226	20 and 8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:54
L22	212	21 not 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/15 17:55
S1	6	US-4393372-\$.DID. OR US-6028543-\$. DID. OR US- 6259804-\$.DID.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 00:48
S2	81342	fingerprint or (finger adj1 print) or finger-print	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:36

S4	313747	(sensor or detector) with (resolution or dynamic or range or scale)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:37
S5	4164727	(digitize or digital or discrete or discretize or sample or quantize)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:38
S6	1387	S2 same S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:38
S7	1083	S6 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:38
S8	29639	(combine or combination or additive or add or addition or combining or adding or integrate or integration or integrating or juxtapose\$5 or overlay\$4 or join or compound\$3 or merge\$3 or synthesize or fuse or fusion or unite or union or consolidate\$4 or incorporate\$4) with (plural\$3 or multiple\$4 or several or various or different) with (digitalization or digitization or digitizing\$4 or discretization or discretizing\$4 or quantization or quantizing or sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:51

S9	12322	(combine or combination or additive or add or addition or combining or adding or integrate or integration or integrating or juxtapos\$5 or overlay\$4 or join or compound\$3 or merg\$3 or synthesize or fuse or fusion or unite or union or consolidat\$4 or incorporat\$4) with ((first or initial or preceding or earlier or earliest or original or primary or previous) and (second or subsequent or following or succeeding or additional or further or secondary)) with (digitalization or digitization or digitiz\$4 or discretization or discret\$4 or quantization or quantizing or sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:57
S10	37159	S8 or S9	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:57
S11	20	S7 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 14:57
S12	1271	noise same S8	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:18

S13	34130	(combine or combination or additive or add or addition or combining or adding or integrate or integration or integrating or juxtapose\$5 or overlay\$4 or join or compound\$3 or merge\$3 or synthesize or fuse or fusion or unite or union or consolidate\$4 or incorporate\$4) with ((first or initial or preceding or earlier or earliest or original or primary or previous) or (second or subsequent or following or succeeding or additional or further or secondary)) with (digitalization or digitization or digitize\$4 or discretization or discretize\$4 or quantization or quantizing or sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:19
S14	1789	noise same S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:19
S15	2742	S12 or S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:19
S16	396	S4 and S5 and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:20
S17	4154842	fingerprint or (finger adj1 print) or finger-print or image	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:20

S18	253	S16 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:20
S19	236502	a/d	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:21
S20	750320	analog and digital	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:21
S21	838717	S19 or S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:21
S23	577295	(overcome or improv\$3 or enhanc \$4 or expan\$5 or increas\$4 or compensat\$4 or offset\$4 or correct \$4) near3 (dynamic or range or scale or resolution)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:43
S24	2846740	(clip\$4 or saturat\$4 or noise or snr)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 16:44
S26	1349	(combining or averaging) near4 (digitizer or quantizer or capture or sample) with (sensor or detector or device or imager)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:08
S27	351	S23 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:08
S28	194	S27 and S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:09

S29	1358794	(fingerprint or (finger adj1 print) or finger-print or image) with (sensor or detector or device or imager)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:11
S30	139	S27 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:11
S31	1343357	(digitalization or digitization or digitiz\$4 or discretization or discret\$4 or quantization or quantiz\$3 or sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:28
S32	618843	(combine or combination or additive or add or addition or combining or adding or integrate or integration or integrating or juxtapos\$5 or overlay\$4 or join or compound\$3 or merg\$3 or synthesize or fuse or fusion or unite or union or consolidat\$4 or incorporat\$4 or stitch\$3 or connect\$4 or link\$3) near4 (digitize or digital or discrete or discretize or sample or quantize or digitalization or digitization or digitiz\$4 or discretization or discret\$4 or quantization or quantiz\$3 or sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:31



S33	11965	(overcome or improv\$3 or enhanc\$4 or expan\$5 or increas\$4 or compensat\$4 or offset\$4 or correct\$4) near3 (dynamic or range or scale or resolution) near3 (sensor or detector or imager or capture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:32
S34	2289	S32 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:32
S35	397213	(combine or combination or additive or add or addition or combining or adding or integrate or integration or integrating or juxtapos\$5 or overlay\$4 or join or compound\$3 or merg\$3 or synthesize or fuse or fusion or unite or union or consolidat\$4 or incorporat\$4 or stitch\$3 or connect\$4 or link\$3 or average or averaging) near2 (digitize or digital or discrete or discretize or sample or quantize or digitalization or digitization or digitiz\$4 or discretization or discret\$4 or quantization or quantiz\$3 or sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:33
S36	1523	S34 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:34

S37	706	S36 and ((continuous or analog or natural) near2 signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:35
S39	443	S37 and (((minimum or min) and (maximum or max)) or saturation or clipping or clipped)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 17:42
S40	426	S39 not S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 17:43
S45	99	(improv\$3 or enhanc\$4 or expan \$5 or increas\$4 or compensat\$4 or offset\$4 or correct \$4) near2 (dynamic or range or scale or resolution) near2 (quantization or quantizing or discretization or digitizing)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 17:56
S46	37	S35 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 17:56
S47	1051	multiple capture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 18:07
S49	0	S45 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:07
S50	71	S2 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:08

S51	27	S4 and S50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:08
S52	425	S40 not S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:33
S53	40573	(offset or overlap or overlay or adjacent) with S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:34
S54	11	S52 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:34
S55	32828	single (detector or sensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:44
S56	33998	single (detector or sensor or LSI)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:44
S57	680	S53 and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2010/10/13 18:44

S58	367241	(combine or combination or additive or add or addition or combining or adding or integrate or integration or integrating or juxtapos\$5 or overlay\$4 or join or compound\$3 or merg\$3 or synthesize or fuse or fusion or unite or union or consolidat\$4 or incorporat\$4 or stitch\$3 or connect \$4 or link\$3) near2 (digitize or digital or discrete or discretize or sample or quantize or digitalization or digitization or digitiz \$4 or discretization or discret\$4 or quantization or quantiz\$3 or sampling)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 18:45
S59	230	S57 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 18:46
S60	344386	(sensor or detector or LSI) with (resolution or dynamic or range or scale)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 18:46
S61	146727	(sensor or detector or LSI) near3 (resolution or dynamic or range or scale)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 18:46
S62	114	S59 and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	ADJ	ON	2010/10/13 18:46

**EAST Search History (Interference)**

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